(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 24 December 2003 (24.12.2003)

PCT

(10) International Publication Number WO 03/106954 A2

(51) International Patent Classification7:

_ _ _

- (21) International Application Number: PCT/GB03/02452
- (22) International Filing Date: 6 June 2003 (06.06.2003)
- (25) Filing Language:

English

G01L 7/00

(26) Publication Language:

English

(30) Priority Data:

0213611.7

13 June 2002 (13.06.2002) GB

- (71) Applicant (for all designated States except US): THE BOC GROUP PLC [GB/GB]; Chertsey Road, Windle-sham, Surrey GU20 6HJ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PACKER, Kenneth, George [GB/GB]; 3 Mayfield Place, Eastbourne, East Sussex BN22 8XJ (GB). KEY, Matthew [GB/GB]; c/o 20 Pinchmill Way, Sharnbrook, Bedford MK44 1PJ (GB).
- (74) Agents: TOWNSEND, Victoria, Jayne et al.; Fry Heath & Spence LLP, The Gables, Massetts Road, Horley, Surrey RH6 7DQ (GB).

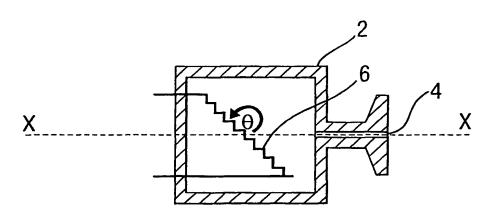
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VACUUM GAUGE



(57) Abstract: A thermal conductivity type pressure gauge comprises a gauge head (2) being rotatably mountable in a vessel whose environmental pressure is to be measured and an elongate electrical filament (6) mounted in the gauge head, the gauge head (2) having an inlet wherethrough the electrical filament is exposed to the environmental pressure within the vessel and the filament (6) having directional component lengths in two orthogonal axes, one of the orthogonal axes X-X being parallel to the axis of rotation of the gauge head (2).



) 03/106954 A2